

[illegible]

26. The folded honeycomb according to claim 25, wherein the ratio between the width and the height of each corrugated core strip lies in the range from 0.5 to 2.
27. The folded honeycomb according to claim 25, wherein the ratio between the weights per unit area of the corrugated core material and the cover layer material of each corrugated core strip lies in the range from 1 to 2.
28. The folded honeycomb according to claim 25, wherein the cover layer of the corrugated or trapezoidal core of at least each second corrugated strip is wholly or partly connected over the entire area to the cover layer of the corrugated or trapezoidal core of at least one adjacent corrugated core strip.
29. The folded honeycomb according to claim 25, wherein each corrugated core strip consists of two cover layers and a corrugated or trapezoidal core arranged between them, and the one cover layer of each corrugated core strip is formed in one piece with a cover layer of an adjacent corrugated core strip and is connected to the latter via a fold of  $180^\circ$ , and the other cover layer is formed in one piece with a cover layer of another adjacent corrugated core strip and is connected to the latter via a fold of  $180^\circ$ .



Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

30. The folded honeycomb according to claim 25, wherein a cover layer is arranged at least on one side of the large number of corrugated core strips lying beside one another.
31. A process for the continuous production of a folded honeycomb, comprising the following steps:
- a) forming connected corrugated core strips consisting of a corrugated or a trapezoidal core with at least one cover layer, the corrugated core strips being connected to one another and, for at least each second corrugated core strip, the cover layer of one corrugated core strip being connected to the cover layer of an adjacent corrugated core strip; and
  - b) rotating the connected corrugated core strips through about  $90^\circ$  in relation to one another, as a result of which the cover layers of the corrugated core strips are folded through about  $180^\circ$  at the connecting lines.
32. The process according to claim 31, wherein the ratio between the width and the height of each corrugated core strip lies in the range from 0.5 to 2.
33. The process according to claim 31, wherein the ratio between the weights per unit area of the corrugated core material and the cover layer material of each corrugated core strip lies in the range from 1 to 2.
34. The process according to claim 31, wherein touching surfaces are firmly connected to one another, either with adhesive which is applied previously or in another way.
35. The process according to claim 31, wherein at least one cover sheet is laminated onto the folded honeycomb.







